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## PALM INTRANET

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## **Inventor Information for 10/765917**

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| MORI, TERUTAKA .                      | URAYASU                        | JAPAN                     |
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| SHOJI, TERUO                          | MITAKA                         | JAPAN                     |
| SUEYOSHI, MASAKAZU                    | KODAIRA                        | JAPAN                     |
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| 1 | US<br>20060043593<br>A1 | 20060302 | Connecting apparatus, semiconductor chip inspecting apparatus, and method for manufacturing semiconductor device | 257/758   |   | Mori;<br>Terutaka et<br>al.       |
| 1 | US<br>20060038159<br>A1 | 20060223 | Antifreeze solution, and rust inhibitor capable of being used as component thereof                               | 252/75    |   | Fukutani;<br>Yasuo et al.         |
| 1 | US<br>20050278959<br>A1 | 20051222 | Circular saws with power indication lamps  | 30/388    | 30/132  | Nishimiya,<br>Takeshi et<br>al.   |
| 1 | US<br>20050242455<br>A1 | 20051103 | Method for producing porous ceramic article  | 264/44    | 264/630   | Toda, Yumi<br>et al.              |
| 1 | US<br>20050227383<br>A1 | 20051013 | Manufacturing method of semiconductor integrated circuit device and probe card                                   | 438/14    |   | Okamoto,<br>Masayoshi et<br>al.   |
| 1 | US<br>20050225194<br>A1 | 20051013 | Permanent magnet synchronous motor   | 310/216   | 310/156.38;<br>310/156.46   | Murakami,<br>Hiroshi et al.       |
| 1 | US<br>20050221014<br>A1 | 20051006 | Method of producing honeycomb structures   | 427/430.1 |   | Nate,<br>Masayuki et<br>al.       |
| 1 | US<br>20050212142<br>A1 | 20050929 | Semiconductor device<br>and manufacturing<br>metthod thereof   | 257/779   | 257/786;<br>257/E23.055;<br>257/E23.065;<br>257/E23.067;<br>257/E23.069;<br>438/612 | Miyazaki,<br>Chuichi et<br>al.    |
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| 1 | US<br>20050115101<br>A1 | 20050602 | Method of drying honeycomb formed body                         | 34/442     | 34/259   | Nate,<br>Masayuki et<br>al.     |
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| 1 | US<br>20050093565<br>A1 | 20050505 | Fabrication method of semiconductor integrated circuit device  | 324/765    |  | Okamoto,<br>Masayoshi et<br>al. |
| 1 | US<br>20050046063<br>A1 | 20050303 | Method for manufacturing a porous ceramic structure            | 264/44     | 264/628;<br>264/630  | Toda, Yumi<br>et al.            |
| 1 | US<br>20040235207<br>A1 | 20041125 | Connection device and test system                              | 438/14     |  | Kasukabe,<br>Susumu et<br>al.   |
| 1 | US<br>20040207073<br>A1 | 20041021 | Electronic apparatus   | 257/706    | 257/707;<br>257/712;<br>257/E23.062;<br>257/E23.063;<br>257/E23.105          | Hasebe,<br>Takehiko et<br>al.   |
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| 1 | US<br>20040155323<br>A1 | 20040812 | Semiconductor device   | 257/676    | 257/E23.039;<br>257/E23.048;<br>257/E23.049;<br>257/E23.051;<br>257/E23.056; | Murakami,<br>Gen et al.         |

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| 1 | US<br>20040108056<br>A1 | 20040610 | Honeycomb structural body and method of manufacturing the structural body   | 156/276 |   | Fujita, Jun et al.             |
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| 1 | US<br>20040061220<br>A1 | 20040401 | Semiconductor device<br>and manufacturing<br>method thereof   | 257/723 | 257/734;<br>257/737;<br>257/741;<br>257/778;<br>257/784;<br>257/E23.055;<br>257/E23.065;<br>257/E23.067;<br>257/E23.069 | Miyazaki,<br>Chuichi et<br>al. |
| 1 | US<br>20030222502<br>A1 | 20031204 | Hybrid power supply system  | 307/18  |   | Takahashi,<br>Shingo et al.    |
| 1 | US<br>20030203521<br>A1 | 20031030 | Semiconductor device<br>and manufacturing<br>method thereof including<br>a probe test step and a<br>burn-in test step | 438/15  | 438/17;<br>438/460  | Kohno,<br>Ryuji et al.         |
| 1 | US<br>20030153170<br>A1 | 20030814 | Method for cleaning semiconductor device and method for fabricating the same  | 438/595 | 257/E21.165;<br>257/E21.251;<br>257/E21.632   | Wada,<br>Yukihisa              |
| 1 | US<br>20030151155<br>A1 | 20030814 | Method for manufacturing a porous ceramic structure   | 264/44  | 264/631   | Muroi, Yumi<br>et al.          |
| 1 | US<br>20030143370<br>A1 | 20030731 | Porous honeycomb<br>structure body, the use<br>thereof and method for   | 428/116 | 264/631   | Noguchi,<br>Yasushi et<br>al.  |

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| 1 | US<br>20030127712<br>A1 | 20030710 | Semiconductor device  | 257/666 | 257/676;<br>257/692;<br>257/696;<br>257/E23.039;<br>257/E23.048;<br>257/E23.051;<br>257/E23.056;<br>257/E23.124;<br>257/E25.023;<br>257/E29.022;<br>438/123 | Murakami,<br>Gen et al.         |
| 1 | US<br>20030104183<br>A1 | 20030605 | Wiring board and its production method, semiconductor device and its production method, and electronic apparatus      | 428/209 | 174/250;<br>257/E23.021;<br>257/E23.069   | Narizuka,<br>Yasunori et<br>al. |
| 1 | US<br>20030019663<br>A1 | 20030130 | Multi-layer wiring substrate and manufacturing method thereof   | 174/255 | 174/258;<br>174/266   | Shigi,<br>Hidetaka et<br>al.    |
| 1 | US<br>20030017686<br>A1 | 20030123 | Method for fabricating semiconductor device   | 438/586 | 257/E21.013;<br>257/E21.546;<br>257/E21.626;<br>438/595   | Wada,<br>Yukihisa               |
| 1 | US<br>20030002260<br>A1 | 20030102 | Electronic apparatus  | 361/720 | 174/252;<br>257/E23.062;<br>257/E23.063;<br>257/E23.105;<br>361/719;<br>361/721   | Hasebe,<br>Takehiko et<br>al.   |
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| 1 | US<br>20020135387<br>A1 | 20020926 | Probing device and manufacturing method thereof, as well as testing apparatus and                                     | 324/754 |   | Kasukabe,<br>Susumu et<br>al.   |

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| 1 | US<br>20020129323<br>A1 | 20020912 | Connection device and test system  | 716/4   |   | Kasukabe,<br>Susumu et<br>al.  |
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| 1 | US<br>20020070461<br>A1 | 20020613 | Semiconductor device<br>and manufacturing<br>method thereof  | 257/780 | 257/784;<br>257/E23.065;<br>257/E23.067;<br>257/E23.069             | Miyazaki,<br>Chuichi et<br>al. |
| 1 | US<br>20020068832<br>A1 | 20020606 | Methods for making 2-<br>(omega-<br>alkoxycarbonylalkanoyl)<br>-4-butanolide, ester of<br>omega-hydroxy - (<br>omega-3) -ketoaliphatic<br>acid, and derivatives<br>thereof | 549/322 |   | Takaoka,<br>Hideaki et<br>al.  |
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| 1 | US<br>20020014841<br>A1 | 20020207 | Wiring substrate and gas discharge display device   | 313/587   |   | Nishiki,<br>Masashi et<br>al.  |
| 1 | US<br>20010051734<br>A1 | 20011213 | Methods for making 2-<br>(omega-<br>alkoxycarbonylalkanoyl)<br>-4-butanolide, ester of<br>omega-hydroxy- (omega-<br>3) - ketoaliphatic acid,<br>and derivatives thereof | 549/318   |   | Takaoka,<br>Hideaki et<br>al.  |
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| 1 | US 6707682<br>B2 | 20040316 | Low-EMI electronic apparatus, low-EMI circuit board, and method of manufacturing the low-EMI circuit board                | 361/763 | 257/E23.114;<br>361/764;<br>361/765   | Akiba;<br>Yutaka et al.        |
| 1 | US 6696849<br>B2 | 20040224 | Fabrication method of semiconductor integrated circuit device and its testing apparatus                                   | 324/760 | 324/754;<br>438/17  | Ban; Naoto et al.              |
| 1 | US 6670215<br>B2 | 20031230 | Semiconductor device<br>and manufacturing<br>method thereof   | 438/106 | 257/665;<br>257/668;<br>257/737;<br>257/738;<br>257/773;<br>257/774;<br>257/779;<br>257/780;<br>257/E23.065;<br>257/E23.067;<br>257/E23.069;<br>438/118 | Miyazaki;<br>Chuichi et<br>al. |
| 1 | US 6664196<br>B1 | 20031216 | Method of cleaning electronic device and method of fabricating the same   | 438/754 | 257/E21.313;<br>257/E21.635;<br>438/745   | Wada;<br>Yukihisa et<br>al.    |
| 1 | US 6664135<br>B2 | 20031216 | Method of manufacturing<br>a ball grid array type<br>semiconductor package  | 438/123 | 257/E23.065;<br>257/E23.067;<br>257/E23.069;<br>438/118;<br>438/121;<br>438/124;<br>438/667   | Chuichi et al.                 |
| 1 | US 6652821<br>B1 | 20031125 | Purificating agent for flue gas and incinerated ash and purificating method using the same                                | 423/210 | 252/192;<br>423/239.1;<br>423/240R;<br>423/242.2;<br>423/242.4  | Fukutani;<br>Yasuo et al.      |
| 1 | US 6652342<br>B1 | 20031125 | Wiring board and gas discharge type display apparatus using the same  | 445/24  | 174/126.4;<br>174/253   | Nishiki;<br>Masashi et<br>al.  |

| 1 | US 6642083<br>B2 | 20031104 | Semiconductor device<br>and manufacturing<br>method thereof   | 438/117 | 257/E23.065;<br>257/E23.067;<br>257/E23.069;<br>438/106;<br>438/118                         | Miyazaki;<br>Chuichi et<br>al. |
|---|------------------|----------|---|---------|---|--------------------------------|
| 1 | US 6624575<br>B2 | 20030923 | Method of making gas<br>discharge display panel<br>and gas discharge display<br>device  | 313/583 | 313/582;<br>313/585   | Nishiki;<br>Masashi et<br>al.  |
| 1 | US 6621217<br>B2 | 20030916 | Wiring substrate and gas discharge display device   | 313/587 | 313/582;<br>313/586;<br>445/24;<br>445/25   | Nishiki;<br>Masashi et<br>al.  |
| 1 | US 6617863<br>B1 | 20030909 | Probing device and manufacturing method thereof, as well as testing apparatus and manufacturing method of semiconductor with use thereof                                | 324/754 | 324/158.1;<br>324/758   | Kasukabe;<br>Susumu et<br>al.  |
| 1 | US 6613636<br>B2 | 20030902 | Method for fabricating semiconductor device   | 438/301 | 257/E21.251;<br>257/E21.64;<br>438/297;<br>438/300;<br>438/303                              | Wada;<br>Yukihisa et<br>al.    |
| 1 | US 6600070<br>B2 | 20030729 | Methods for making 2-<br>(.omega<br>alkoxycarbonylalkanoyl)-<br>4-butanolide, ester of<br>.omegahydroxy-<br>(.omega3)-ketoaliphatic<br>acid, and derivatives<br>thereof | 562/593 | 568/410   | Takaoka;<br>Hideaki et<br>al.  |
| 1 | US 6586567<br>B2 | 20030701 | Production process of polyphenylene ether   | 528/501 | 528/491;<br>528/495;<br>528/497;<br>528/499;<br>528/500;<br>528/502R;<br>528/503;<br>528/86 | Takeda; Yuji et al.            |
| 1 | US 6566150<br>B2 | 20030520 | Semiconductor device<br>and manufacturing<br>method thereof including<br>a probe test step and a<br>burn-in test step   | 438/14  | 438/113;<br>438/17;<br>438/33;<br>438/460   | Kohno;<br>Ryuji et al.         |

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| 1 | US 6538414<br>B1 | 20030325 | Electric energy storage<br>device with cell energy<br>control, and method of<br>controlling cell energy   | 320/119   |   | Tsuruga;<br>Kikuo et al.       |
|---|------------------|----------|---|-----------|---|--------------------------------|
| 1 | US 6531760<br>B1 | 20030311 | Semiconductor device  | 257/666   | 257/665;<br>257/676;<br>257/691;<br>257/692;<br>257/693;<br>257/E23.039;<br>257/E23.048;<br>257/E23.051;<br>257/E23.056;<br>257/E23.124;<br>257/E25.023;<br>257/E29.022 | Murakami;<br>Gen et al.        |
| 1 | US 6528668<br>B2 | 20030304 | Methods for making 2-<br>(.omega<br>alkoxycarbonylalkanoyl)-<br>4-butanolide, ester of<br>.omegahydroxy-<br>(.omega3)-ketoaliphatic<br>acid, and derivatives<br>thereof | 554/148   | 560/174;<br>560/176;<br>562/577;<br>562/578;<br>562/580   | Takaoka;<br>Hideaki et<br>al.  |
| 1 | US 6521981<br>B2 | 20030218 | Semiconductor device<br>and manufacturing<br>method thereof   | 257/668   | 257/665;<br>257/737;<br>257/738;<br>257/773;<br>257/774;<br>257/779;<br>257/780;<br>257/E23.065;<br>257/E23.067;<br>257/E23.069   | Miyazaki;<br>Chuichi et<br>al. |
| 1 | US 6518225<br>B1 | 20030211 | Lubricating fluid   | 508/180   | 508/583   | Fukutani;<br>Yasuo et al.      |
| 1 | US 6506982<br>B1 | 20030114 | Multi-layer wiring substrate and manufacturing method thereof   | 174/264   | 174/260;<br>174/262;<br>361/792   | Shigi;<br>Hidetaka et<br>al.   |
| 1 | US 6488749<br>B1 | 20021203 | Rust preventive   | 106/14.42 | 106/14.13;<br>106/14.15;<br>106/14.16;<br>106/14.44;  | Fukutani;<br>Yasuo et al.      |

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|                |             |          |                            |          | 252/389.1;   |               |
| '              |             |          |                            |          | 252/389.3;   |               |
|                |             |          |                            |          | 252/394      |               |
| 1              | US 6475133  | 20021105 | Methods for making 2-      | 554/148  | 554/213      | Takaoka;      |
|                | B2          |          | (.omega                    |          |              | Hideaki et    |
| 1              |             |          | alkoxycarbonylalkanoyl)-   |          |              | al.           |
|                |             |          | 4-butanolide, ester of     |          | 1            |               |
|                |             |          | omega-hydroxy-             |          |              |               |
| İ              |             |          | (.omega3)-ketoaliphatic    |          |              |               |
|                |             |          |                            |          |              | ,             |
|                |             |          | acid, and derivatives      |          |              |               |
| <u> </u>       |             |          | thereof                    |          |              | 2.51          |
| 1              | US 6472727  | 20021029 | Semiconductor device       | 257/668  | 257/669;     | Miyazaki;     |
|                | B2          |          | and manufacturing          |          | 257/730;     | Chuichi et    |
|                |             |          | method thereof             |          | 257/738;     | al.           |
|                |             |          |                            |          | 257/778;     |               |
|                |             |          |                            |          | 257/779;     |               |
|                |             |          |                            | ,        | 257/780;     |               |
|                |             |          |                            |          | 257/E23.065; |               |
|                |             |          |                            |          | 257/E23.067; |               |
|                |             |          |                            |          | 257/E23.069  |               |
| $\overline{1}$ | US 6472594  | 20021029 | Photovoltaic element and   | 136/256  | 257/E31.126  | Ichinose;     |
| 1              | B1          | 20021027 | method for producing the   | 130/230  | 257/L51.120  | Hirofumi et   |
|                | DI          |          | -                          |          |              | al.           |
| <b>—</b>       | 110 (455225 | 20020024 | same                       | 420/14   | 420/112.     |               |
| 1              | US 6455335  | 20020924 | Semiconductor device       | 438/14   | 438/113;     | Kohno;        |
|                | B1          |          | and manufacturing          |          | 438/17;      | Ryuji et al.  |
|                |             |          | method thereof including   |          | 438/33;      |               |
|                |             |          | a probe test step and a    |          | 438/460      |               |
|                |             |          | burn-in test step          |          |              | ·             |
| 1              | US 6429586  | 20020806 | Gas discharge display      | 313/582  | 313/583;     | Nishiki;      |
| 1              | B1          |          | panel and gas discharge    |          | 313/585;     | Masashi et 🞺  |
| 1              |             |          | display device having      |          | 315/169.4    | al.           |
|                |             |          | electrodes formed by       |          |              |               |
|                |             |          | laser processing           |          |              |               |
| 1              | US 6387843  | 20020514 | Method of preparing Rh-    | 502/328  | 252/373;     | Yagi; Fuyuki  |
|                | B1          |          | and/or Ru-catalyst         |          | 423/418.2;   | et al.        |
|                |             |          | supported on MgO           |          | 423/648.1;   | .             |
|                |             |          | carrier and reforming      |          | 423/650;     |               |
|                |             |          | process using the catalyst |          | 423/651;     |               |
|                |             |          | process asing the entiryst |          | 502/159;     |               |
|                |             |          |                            |          | 502/174;     |               |
|                |             | ,        |                            |          | 502/174,     |               |
|                |             |          |                            |          | 502/185,     |               |
| 1              | 110 (27(4)) | 20020422 | Cotalvet for grant and     | 502/226  | <del></del>  | Vagir Evralsi |
| 1              | US 6376423  | 20020423 | Catalyst for preparation   | 502/326  | 423/418.2;   | Yagi; Fuyuki  |
|                | B2          |          | of synthesis gas and       |          | 423/651;     | et al.        |
|                |             | 1        | process for preparing      |          | 423/653      |               |
| 1              |             |          | carbon monoxide            |          | <u>L </u>    | L             |

| 1        | US 6365439  | 20020402 | Method of manufacturing    | 438/123 | 257/E23.065; | Miyazaki;     |
|----------|-------------|----------|----------------------------|---------|--------------|---------------|
| -        | B2          |          | a ball grid array type     |         | 257/E23.067; | Chuichi et    |
|          |             |          | semiconductor package      |         | 257/E23.069  | al.           |
| 1        | US 6355975  | 20020312 | Semiconductor device       | 257/668 | 257/669;     | Miyazaki;     |
| -        | B2          |          | and manufacturing          |         | 257/723;     | Chuichi et    |
|          | <i>D2</i>   |          | method thereof             |         | 257/730;     | al.           |
| 1        |             |          | method thereof             |         | 257/737;     | ai.           |
| ł        |             |          |                            |         | 257/738;     |               |
|          |             |          |                            |         | 257/772;     |               |
|          |             |          |                            |         | 257/774;     |               |
|          |             |          |                            |         | 257/777;     |               |
|          |             |          |                            |         | 257/778;     |               |
|          |             |          |                            |         | 257/779;     |               |
|          |             |          |                            |         | 1            |               |
|          |             |          |                            |         | 257/780;     |               |
|          |             | ;        |                            |         | 257/E23.065; |               |
|          |             |          |                            |         | 257/E23.067; |               |
| -        | 110 (25550) | 20020212 |                            | 420/106 | 257/E23.069  | ) (' 1 ·      |
| 1        | US 6355500  | 20020312 | Semiconductor device       | 438/106 | 257/E23.065; | Miyazaki;     |
|          | B2          |          | and manufacturing          |         | 257/E23.067; | Chuichi et    |
|          | <b>;</b>    |          | method thereof             |         | 257/E23.069; | al.           |
| <u> </u> |             |          |                            |         | 438/118      |               |
| 1        | US 6353540  | 20020305 | Low-EMI electronic         | 361/794 | 174/255;     | Akiba;        |
|          | B1          |          | apparatus, low-EMI         | ,       | 174/256;     | Yutaka et al. |
|          |             |          | circuit board, and method  |         | 257/E23.114; |               |
|          |             |          | of manufacturing the       |         | 257/E23.173; |               |
|          |             |          | low-EMI circuit board.     |         | 257/E25.029; |               |
|          |             |          |                            |         | 29/846;      |               |
|          |             |          |                            |         | 333/12;      | }             |
|          |             |          |                            |         | 361/780;     | α.            |
|          |             |          |                            |         | 361/792;     | -             |
|          |             |          |                            |         | 361/793;     |               |
|          |             |          |                            |         | 361/795      |               |
| 1        | US 6353255  | 20020305 | Semiconductor device       | 257/668 | 257/665;     | Miyazaki;     |
|          | B1          |          | and manufacturing          |         | 257/737;     | Chuichi et    |
|          |             |          | method thereof             |         | 257/738;     | al.           |
|          |             |          |                            |         | 257/773;     |               |
|          |             |          |                            |         | 257/774;     | .             |
|          |             |          |                            |         | 257/779;     |               |
|          |             |          |                            |         | 257/780;     |               |
|          |             |          |                            |         | 257/E23.065; |               |
|          |             |          |                            |         | 257/E23.067; |               |
| L        |             |          |                            |         | 257/E23.069  |               |
| 1        | US 6346772  | 20020212 | Wiring substrate and gas   | 313/587 | 216/102;     | Nishiki;      |
|          | B1          |          | discharge display device   |         | 216/23;      | Masashi et    |
|          |             |          | that includes a dry etched |         | 313/582;     | al.           |
|          |             |          | layer wet-etched first or  |         | 313/586;     |               |

|   |                |          | second electrodes                        | <u> </u> | 438/754;                     |              |
|---|----------------|----------|--|----------|------------------------------|--------------|
|   |                |          |  |          | 445/24;                      |              |
|   |                |          |  | ļ        | 445/46                       |              |
| 1 | US 6343967     | 20020205 | Method of making gas                     | 445/24   | 445/50                       | Nishiki;     |
|   | B1             |          | discharge display panel                  |          |                              | Masashi et   |
|   |                |          | and gas discharge display                |          |                              | al.          |
|   |                |          | device                                   |          |                              | ·            |
| 1 | US 6342728     | 20020129 | Semiconductor device                     | 257/668  | 257/723;                     | Miyazaki;    |
|   | B1             |          | and manufacturing                        |          | 257/730;                     | Chuichi et   |
|   |                |          | method thereof                           |          | 257/738;                     | al.          |
|   |                |          |  |          | 257/772;                     |              |
|   |                |          |  | :        | 257/777;                     |              |
|   |                |          |  |          | 257/778;                     |              |
|   |                |          |  |          | 257/779;                     |              |
|   |                |          |  |          | 257/780;                     |              |
|   |                |          |  |          | 257/E23.065;                 |              |
|   |                |          |  |          | 257/E23.067;                 |              |
|   | 775 (0.10 50 ( |          |  | 0.55/660 | 257/E23.069                  |              |
| 1 | US 6342726     | 20020129 | Semiconductor device                     | 257/668  | 257/680;                     | Miyazaki;    |
|   | B1             |          | and manufacturing                        |          | 257/723;                     | Chuichi et   |
|   |                |          | method thereof                           |          | 257/737;                     | al.          |
|   |                |          |  |          | 257/779;                     |              |
| Ì |                |          |  | Ť        | 257/780;<br>257/784;         |              |
|   |                |          |  |          | 257/E23.065;                 |              |
|   |                |          |  |          | 257/E23.063,<br>257/E23.067; |              |
|   |                |          |  |          | 257/E23.067,<br>257/E23.069  |              |
| 1 | US 6340437     | 20020122 | Process for preparing                    | 252/373  | 423/418.2;                   | Yagi; Fuyuki |
| 1 | B1             | 20020122 | synthesis gas by                         | 2321313  | 423/650;                     | et al.       |
|   |                |          | autothermal reforming                    |          | 423/652;                     |              |
|   |                |          | uutoutoutoutoutoutoutoutoutoutoutoutouto |          | 502/326                      | :            |
| 1 | US 6326681     | 20011204 | Semiconductor device                     | 257/676  | 257/666;                     | Murakami;    |
| - | B1             |          |  |          | 257/787                      | Gen et al.   |
| 1 | US 6312660     | 20011106 | Process for preparing                    | 423/652  | 252/373;                     | Yagi; Fuyuki |
|   | B1             |          | synthesis gas                            |          | 423/418.2;                   | et al.       |
|   |                |          |  |          | 423/651;                     |              |
|   |                |          |  |          | 423/653;                     |              |
|   |                |          |  | [        | 502/326;                     |              |
|   |                |          |  |          | 502/339                      |              |
| 1 | US 6305230     | 20011023 | Connector and probing                    | 73/855   |                              | Kasukabe;    |
|   | B1             |          | system                                   |          |                              | Susumu et    |
|   |                |          |  |          |                              | al.          |
| 1 | US 6303982     | 20011016 | Semiconductor device                     | 257/666  | 257/659;                     | Murakami;    |
|   | B1             |          |  |          | 257/660;                     | Gen et al.   |
|   |                |          |  |          | 257/676                      |              |
| 1 | US 6291688     | 20010918 | Processes for preparing                  | 549/322  | 554/175;                     | Takaoka;     |

|   | B1               |          | 2-(omega-<br>alkoxycarbonylalkanoyl)-<br>4- butanolides omega-<br>hydroxy-(omega-3)-keto<br>fatty esters, and<br>derivatives thereof |         | 554/205   | Hideaki et<br>al.             |
|---|------------------|----------|--|---------|---|-------------------------------|
| 1 | US 6261144<br>B1 | 20010717 | Wiring substrate and gas discharge display device and method therefor  | 445/24  | 216/102;<br>216/23;<br>438/754;<br>445/46   | Nishiki;<br>Masashi et<br>al. |
| 1 | US 6258759<br>B1 | 20010710 | Metal working water and metal working composition  | 508/143 | 508/161;<br>508/173;<br>508/180   | Futahashi;<br>Sadao et al.    |
| 1 | US 6242391<br>B1 | 20010605 | Water-soluble cutting fluid  | 508/180 | 508/154;<br>72/42   | Fukutani;<br>Yasuo et al.     |
| 1 | US 6204552<br>B1 | 20010320 | Semiconductor device   | 257/666 | 257/676;<br>257/E23.039;<br>257/E23.048;<br>257/E23.051;<br>257/E23.056;<br>257/E23.124;<br>257/E25.023;<br>257/E29.022 | Murakami;<br>Gen et al.       |
| 1 | US 6197603<br>B1 | 20010306 | Semiconductor device<br>and manufacturing<br>method thereof including<br>a probe test step and a<br>burn-in test step                | 438/14  | 438/113;<br>438/17;<br>438/33;<br>438/460   | Kohno;<br>Ryuji et al.        |
| 1 | US 6142306<br>A  | 20001107 | Carrier band of electronic parts   | 206/713 | 206/460;<br>206/714   | Mori;<br>Kazuhiro et<br>al.   |
| 1 | US 6130114<br>A  | 20001010 | Semiconductor device   | 438/123 | 257/E23.039;<br>257/E23.051;<br>438/113;<br>438/124;<br>438/125;<br>438/126;<br>438/127;<br>438/460                     | Murakami;<br>Gen et al.       |
| 1 | US 6124629<br>A  | 20000926 | Semiconductor device including a resin sealing member which exposes the rear surface of the sealed semiconductor                     | 257/666 | 257/676;<br>257/787   | Murakami;<br>Gen et al.       |

|   |                 |          | chip  |         |   |                                 |
|---|-----------------|----------|---|---------|---|---------------------------------|
| 1 | US 6124553<br>A | 20000926 | Multilayer wiring board having vent holes and method of making  | 174/260 | 174/35R;<br>174/52.4;<br>257/E23.062;<br>257/E23.063;<br>257/E23.07   | Narizuka;<br>Yasunori et<br>al. |
| 1 | US 6110291<br>A | 20000829 | Thin film forming apparatus using laser   | 118/726 | 427/596   | Haruta;<br>Kenyu et al.         |
| 1 | US 6100580<br>A | 20000808 | Semiconductor device<br>having all outer leads<br>extending from one side<br>of a resin member            | 257/666 | 257/676;<br>257/691   | Murakami;<br>Gen et al.         |
| 1 | US 6100115<br>A | 20000808 | Semiconductor device  | 438/127 | 438/121;<br>438/123;<br>438/124;<br>438/125;<br>438/126   | Murakami;<br>Gen et al.         |
| 1 | US 6087527<br>A | 20000711 | Method for producing alkyl carboxylates by multi-stage esteridication interrupted with a dehydration step | 560/190 | 560/129;<br>560/231;<br>560/76;<br>560/8;<br>560/96   | Niwa;<br>Atsushi et al.         |
| 1 | US 6081023<br>A | 20000627 | Semiconductor device  | 257/666 | 257/676;<br>257/E23.039;<br>257/E23.048;<br>257/E23.049;<br>257/E23.051;<br>257/E23.056;<br>257/E23.124   | Murakami;<br>Gen et al.         |
| 1 | US 6072231<br>A | 20000606 | Semiconductor device  | 257/666 | 257/668;<br>257/676;<br>257/691;<br>257/E23.039;<br>257/E23.048;<br>257/E23.051;<br>257/E23.056;<br>257/E23.124;<br>257/E25.023;<br>257/E29.022 | Murakami;<br>Gen et al.         |
| 1 | US 6069029<br>A | 20000530 | Semiconductor device<br>chip on lead and lead on<br>chip manufacturing                                    | 438/123 | 257/E23.039;<br>257/E23.048;<br>257/E23.049;<br>257/E23.051;<br>257/E23.056;<br>257/E23.124;  | Murakami;<br>Gen et al.         |

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|---|----------------|----------|--------------------------|---------|------------------------------|---------------|
|   |                |          |                          |         | 257/E25.023;                 |               |
|   |                |          |                          |         | 257/E29.022;                 |               |
|   |                |          |                          |         | 438/118;                     |               |
|   |                |          |                          |         | 438/119;                     |               |
|   |                |          |                          |         | 438/124;                     |               |
|   |                |          |                          |         | 438/127                      |               |
| 1 | US 6057372     | 20000502 | Antibacterial agents and | 514/675 | 514/680;                     | Nobuhiro;     |
|   | A              |          | cosmetics and clothing   |         | 514/685;                     | Akio et al.   |
|   | 1.             |          | containing the same      |         | 514/859                      | 111110 00 001 |
| 1 | US 6051778     | 20000418 | Electrode structure,     | 136/256 | 136/243;                     | Ichinose;     |
| * | A              | 20000110 | process production       | 130/230 | 136/244;                     | Hirofumi et   |
|   | 71             |          | thereof and photo-       |         | 257/459;                     | al.           |
|   |                |          | electricity generating   |         | 257/753;                     | ai.           |
|   |                |          | device including the     |         | 427/58;                      |               |
|   |                |          | electrode                |         | 427/74;                      |               |
|   |                |          | electrode                |         | •                            |               |
|   |                |          |                          |         | 429/111;                     |               |
|   |                |          |                          |         | 429/212;                     |               |
|   |                |          |                          |         | 429/217;                     |               |
|   |                |          |                          |         | 429/232;                     |               |
|   |                |          |                          |         | 438/119;                     |               |
|   |                |          |                          |         | 438/83;                      |               |
|   |                |          |                          |         | 438/98                       |               |
| 1 | US 6051116     | 20000418 | Etching apparatus        | 204/212 | 204/224M;                    | Ichinose;     |
| 1 | A              |          |                          |         | 204/225;                     | Hirofumi et   |
|   |                |          |                          |         | 204/288.1;                   | al.           |
|   |                |          |                          |         | 204/297.02                   |               |
| 1 | US 6033741     | 20000307 | Thin film forming        | 427/596 | 118/726                      | Haruta;       |
|   | A              |          | apparatus using laser    |         |                              | Kenyu et al.  |
| 1 | US 6030536     | 20000229 | Disposal method for fuel | 210/671 | 204/514;                     | Wada;         |
|   | Α              |          | oil and crude oil spills |         | 205/696;                     | Yukio et al.  |
|   |                |          | _                        |         | 210/680;                     |               |
|   |                |          |                          |         | 210/691;                     |               |
|   |                |          |                          |         | 210/763;                     |               |
|   |                |          |                          |         | 210/924;                     |               |
|   |                |          |                          |         | 210/925                      |               |
| 1 | US 6018191     | 20000125 | Semiconductor device     | 257/691 | 257/670;                     | Murakami;     |
| - | A              |          | <del></del>              |         | 257/673;                     | Gen et al.    |
|   | = <del>-</del> |          |                          | 1       | 257/692;                     |               |
|   |                |          |                          |         | 257/696;                     |               |
|   |                | 1        |                          |         | 257/E23.039;                 |               |
|   |                |          |                          | 1       | 257/E23.048;                 | [             |
|   |                |          |                          |         | 257/E23.049;                 |               |
|   |                |          |                          |         | 257/E23.051;                 | •             |
|   |                |          |                          |         | 257/E23.051;<br>257/E23.056; |               |
|   |                |          |                          |         | 257/E23.030,<br>257/E23.124; |               |
|   |                |          |                          |         | *                            |               |
|   |                | L        |                          | <u></u> | 257/E25.023;                 |               |

|   |                 |          |  |         | 257/E29.022   |                                 |
|---|-----------------|----------|--|---------|---|---------------------------------|
| 1 | US 6008451<br>A | 19991228 | Photovoltaic device  | 136/256 |   | Ichinose;<br>Hirofumi et<br>al. |
| 1 | US 5993637<br>A | 19991130 | Electrode structure, electrolytic etching process and apparatus  | 205/652 | 204/224M;<br>204/272;<br>204/273;<br>204/289;<br>204/292;<br>204/293;<br>204/294;<br>205/656;<br>205/658;<br>205/659;<br>205/671;<br>205/674  | Hisamatsu;<br>Masaya et al.     |
| 1 | US 5981315<br>A | 19991109 | Semiconductor device   | 438/127 | 257/E23.039;<br>257/E23.048;<br>257/E23.049;<br>257/E23.051;<br>257/E23.124;<br>257/E25.023;<br>257/E29.022;<br>438/124;<br>438/126   | Murakami;<br>Gen et al.         |
| 1 | US 5958600<br>A | 19990928 | Circuit board and method of manufacturing the same               | 428/458 | 174/257;<br>174/258;<br>174/260;<br>174/261;<br>257/E23.072;<br>257/E23.077;<br>428/209;<br>428/473.5;<br>428/901;<br>430/14;<br>430/15;<br>430/16;<br>430/18;<br>430/313;<br>430/317;<br>430/319;<br>528/353 | Sotokawa;<br>Hideo et al.       |
| 1 | US 5942048<br>A | 19990824 | Photovoltaic element electrode structure thereof and process for | 136/256 | 136/244;<br>257/459;<br>257/E31.042;  | Fujisaki;<br>Tatsuo et al.      |

|   |                 |          | producing the same   |            | 438/98  |                                 |
|---|-----------------|----------|--|------------|---|---------------------------------|
| 1 | US 5919769<br>A | 19990706 | Fucose derivatives, drugs containing the same as active ingredient, and intermediates for producing the same | 514/25     | 536/17.2  | Tsukida;<br>Takahiro et<br>al.  |
| 1 | US 5914530<br>A | 19990622 | Semiconductor device   | 257/666    | 257/659;<br>257/676;<br>257/E23.039;<br>257/E23.048;<br>257/E23.051;<br>257/E23.056;<br>257/E23.124;<br>257/E25.023;<br>257/E29.022                             | Murakami;<br>Gen et al.         |
| 1 | US 5863817<br>A | 19990126 | Semiconductor device   | 438/124    | 257/E23.039;<br>257/E23.048;<br>257/E23.049;<br>257/E23.051;<br>257/E23.056;<br>257/E23.124;<br>257/E25.023;<br>257/E29.022;<br>438/106;<br>438/126;<br>438/127 | Murakami;<br>Gen et al.         |
| 1 | US 5863412<br>A | 19990126 | Etching method and process for producing a semiconductor element using said etching method                   | 205/652    | 205/656;<br>205/659;<br>205/674;<br>205/685   | Ichinose;<br>Hirofumi et<br>al. |
| 1 | US 5861324<br>A | 19990119 | Method for producing photovoltaic element  | 438/119    | 136/256;<br>257/E31.126;<br>438/57;<br>438/98   | Ichinose;<br>Hirofumi et<br>al. |
| 1 | US 5859397<br>A | 19990112 | Process for the production of a photovoltaic element   | 204/157.15 | 205/687;<br>205/724;<br>205/766;<br>205/769;<br>257/E31.042   | Ichinose;<br>Hirofumi et<br>al. |
| 1 | US 5821606<br>A | 19981013 | Semiconductor device   | 257/666    | 257/659;<br>257/E23.039;<br>257/E23.048;<br>257/E23.049;<br>257/E23.051;  | Murakami;<br>Gen et al.         |

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|   |                |             |   |            | 257/E23.056;                 |                |
|   |                |             |   |            | 257/E23.124;                 |                |
|   |                |             |   |            | 257/E25.023;                 |                |
|   |                |             |   |            | 257/E29.022                  |                |
| 1 | US 5793099     | 19980811    | Semiconductor device                      | 257/666    | 257/676;                     | Murakami;      |
| * | A              | 19900011    | Somitoria de Vice                         | 2577.000   | 257/776;                     | Gen et al.     |
|   | Λ              |             |   |            | 257/E23.039;                 | Gen et al.     |
|   |                |             |   |            | 257/E23.039;<br>257/E23.048; |                |
|   |                |             |   |            |                              |                |
|   |                |             |   |            | 257/E23.049;                 | ·              |
|   |                |             |   |            | 257/E23.051;                 |                |
|   |                |             |   |            | 257/E23.124;                 | `              |
|   |                |             |   |            | 257/E25.023;                 |                |
|   |                |             |   |            | 257/E29.022                  |                |
| 1 | US 5759291     | 19980602    | Photovoltaic cell and                     | 136/256    | 257/459;                     | Ichinose;      |
|   | A              |             | method of making the                      |            | 438/98                       | Hirofumi et    |
|   |                |             | same                                      |            |                              | al.            |
| 1 | US 5688366     | 19971118    | Etching method, method                    | 438/754    | 136/244;                     | Ichinose;      |
| ^ | A              |             | of producing a                            |            | 136/256;                     | Hirofumi et    |
|   | **             |             | semiconductor device,                     |            | 252/79.1;                    | al.            |
|   |                |             | and etchant therefor                      |            | 252/79.4;                    | ""             |
|   |                |             | and etenant incretor                      |            | 257/E21.23;                  |                |
|   |                |             | :   |            | 257/E21.23,<br>257/E21.304;  |                |
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|   | Y 10 4 604 400 | 10051000    | Di la | 106/056    | 438/57                       | т 1 '          |
| 1 | US 5681402     | 19971028    | Photovoltaic element                      | 136/256    | 257/459;                     | Ichinose;      |
|   | A              |             |   |            | 257/753;                     | Hirofumi et    |
|   | •              |             |   |            | 257/E31.126                  | al.            |
| 1 | US 5678167     | 19971014    | Method for dissolving                     | 423/20     | 204/157.15;                  | Wada;          |
|   | Α              |             | nuclear fuels                             |            | 423/658.3                    | Yukio et al.   |
| 1 | US 5677393     | 19971014    | Heat-resistant film                       | 525/423    | 156/329;                     | Ohmori;        |
|   | Α              |             | adhesive for use in                       |            | 156/330;                     | Fumihiro et    |
| 1 |                |             | fabrication of printed                    |            | 428/413;                     | al.            |
|   |                |             | circuit boards and                        |            | 428/447;                     |                |
|   |                |             | process for using the                     |            | 428/473.5;                   |                |
|   |                |             | same                                      |            | 428/901                      |                |
| 1 | US 5650051     | 19970722    | Hydrogen generating                       | 204/157.52 |                              | Wada;          |
| 1 | A              | 13370722    | method using gamma                        |            |                              | Yukio et al.   |
|   | 4.3            |             | rays                                      |            |                              |                |
| 1 | US 5622567     | 19970422    | Thin film forming                         | 118/726    | 427/596;                     | Kojima;        |
| 1 | A              | 17770722    | apparatus using laser                     | 110/720    | 505/732                      | Kazuyoshi et   |
|   | A              |             | apparatus using iaser                     | 1          | 303/132                      | al.            |
| 1 | US 5614805     | 19970325    | Mathod and apparatus for                  | 320/139    |                              | Momotani;      |
| 1 |                | 199/0323    | Method and apparatus for                  | 320/139    |                              | Hiroshi et al. |
| , | Α              |             | charging a secondary                      |            |                              | miosiii et ai. |
|   |                |             | battery by supplying                      |            |                              |                |
|   |                |             | pulsed current as                         |            |                              |                |
| 1 |                | 1           | I abayarna arreant                        |            | 1                            | 1              |
|   | US 5612569     | 19970318    | charging current Semiconductor device     | 257/666    | 257/783;                     | Murakami;      |

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|               | A          |   |                           |             | 257/E23.039;                | Gen et al.   |
|               |            |   |                           |             | 257/E23.048;                |              |
|               |            |   |                           |             | 257/E23.049;                |              |
|               |            |   |                           |             | 257/E23.051;                |              |
|               |            |   |                           |             | 257/E23.056;                |              |
|               |            |   |                           |             | 257/E23.124;                |              |
|               |            |   |                           |             | 257/E25.023;                |              |
|               |            |   |                           |             | 257/E29.022                 |              |
| 1             | US 5609807 | 19970311                                | Production of ceramic     | 264/177.11  | 264/177.12;                 | Wada;        |
| •             | A          | 1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | structural bodies         | 20 1        | 264/211.11;                 | Yukihisa et  |
|               | **         |   | Stractarar Sources        |             | 264/631                     | al.          |
| 1             | US 5585043 | 19961217                                | Method of coextracting    | 252/636     | 204/157.4;                  | Wada;        |
| 1             |            | 19901217                                | _                         | 232/030     | 204/157.4;                  | Yukio et al. |
|               | Α          |   | neptunium and plutonium   |             | ,                           | Tukio et al. |
|               |            | i                                       |                           |             | 423/10;                     |              |
|               | VIO 550000 | 10061010                                |                           | 210/215     | 976/DIG.279                 | T. 1 . 1 .   |
| 1             | US 5583387 | 19961210                                | Stator of dynamo-electric | 310/217     | 174/DIG.20;                 | Takeuchi;    |
|               | Α          |   | machine                   |             | 310/254;                    | Manabu et    |
|               |            |   |                           |             | 310/42                      | al.          |
| 1             | US 5545484 | 19960813                                | Heat and oxidation        | 428/408     | 428/469;                    | Yamaguchi;   |
|               | A          |   | resistive high strength   |             | 428/697;                    | Shizuka et   |
|               |            |   | material and its          |             | 428/698;                    | al.          |
|               |            |   | production method         |             | 428/699;                    |              |
|               |            |   |                           |             | 428/701;                    |              |
|               |            |   |                           |             | 428/702                     |              |
| 1             | US 5530286 | 19960625                                | Semiconductor device      | 257/692     | 257/666;                    | Murakami;    |
|               | A          |   |                           |             | 257/693;                    | Gen et al.   |
|               |            |   |                           |             | 257/E23.039;                |              |
|               |            |   |                           |             | 257/E23.048;                |              |
|               |            |   | ·                         |             | 257/E23.049;                |              |
|               |            |   |                           |             | 257/E23.051;                |              |
|               |            |   |                           |             | 257/E23.056;                |              |
|               |            |   |                           |             | 257/E23.124;                |              |
|               |            |   |                           |             | 257/E25.023;                |              |
|               |            |   |                           |             | 257/E23.023,<br>257/E29.022 |              |
| $\frac{1}{1}$ | US 5518711 | 19960521                                | X-ray contrast medium     | 424/9.411   | 424/709;                    | Tonariya;    |
| 1             |            | 17700321                                | 1                         | 724/7.411   | 514/54                      | Yoshito et   |
|               | Α          |   | comprising barium and     |             | 314/34                      | al.          |
|               |            |   | xanthan gum for           |             |                             | a1.          |
|               |            |   | examination of large      |             |                             |              |
|               |            |   | intestine and small       |             |                             |              |
|               |            | 10015                                   | intestine                 | 100/6       | 210/602                     | 77 1 .       |
| 1             | US 5503812 | 19960402                                | Method for separating     | 423/2       | 210/682;                    | Kirishima;   |
|               | Α          |   | and purifying fission     | 1           | 423/22                      | Kenji et al. |
|               |            |   | noble metals              |             |                             |              |
| 1             | US 5500192 | 19960319                                | Method of separating      | 423/10      | 204/157.4;                  | Wada;        |
|               | A          |   | neptunium and plutonium   |             | 204/158.2;                  | Yukio et al. |
|               |            |   | _                         |             | 210/682;                    |              |
|               |            | •                                       |                           |             |                             |              |

|   |                 |          |  |            | 976/DIG.279   |                                  |
|---|-----------------|----------|--|------------|---|----------------------------------|
| 1 | US 5476726<br>A | 19951219 | Circuit board with metal<br>layer for solder bonding<br>and electronic circuit<br>device employing the<br>same | 428/643    | 257/E23.072;<br>428/209;<br>428/668;<br>428/669;<br>428/671;<br>428/901   | Harada;<br>Masahide et<br>al.    |
| 1 | US 5465849<br>A | 19951114 | Column and method for separating particles in accordance with their magnetic susceptibility                    | 209/214    | 209/223.1;<br>209/225;<br>209/232;<br>210/222   | Wada;<br>Yukio et al.            |
| 1 | US 5448198<br>A | 19950905 | Semiconductor integrated circuit device having circuitry for limiting forward junction current from a terminal | 327/530    | 257/E27.11;<br>326/72;<br>326/81;<br>327/534  | Toyoshima;<br>Yoshiaki et<br>al. |
| 1 | US 5358904<br>A | 19941025 | Semiconductor device   | 29/827     | 257/E23.039;<br>257/E23.048;<br>257/E23.049;<br>257/E23.051;<br>257/E23.056;<br>257/E23.124;<br>257/E25.023;<br>257/E29.022;<br>438/118;<br>438/123;<br>438/124 | Murakami;<br>Gen et al.          |
| 1 | US 5343085<br>A | 19940830 | Power-on reset system and a semiconductor memory device incorporating same                                     | 327/143    | 327/217;<br>377/20  | Fujimoro;<br>Takuya et al.       |
| 1 | US 5320729<br>A | 19940614 | Sputtering target  | 204/298.13 | 204/298.12;<br>423/326;<br>501/53   | Narizuka;<br>Yasunori et<br>al.  |
| 1 | US 5316710<br>A | 19940531 | Process for producing ceramic honeycomb structural bodies  | 264/630    | 264/671;<br>432/258   | Tasaki; Yuji<br>et al.           |
| 1 | US 5285016<br>A | 19940208 | Wiring board provided with a heat bypass layer   | 174/252    | 257/E23.105;<br>257/E23.169;<br>361/688   | Narizuka;<br>Yasunori et<br>al.  |
| 1 | US 5267396<br>A | 19931207 | Plunger lead machining process for fuel injection pumps  | 29/888.04  | 29/888.02;<br>29/890.128  | Wada;<br>Yukio et al.            |
| 1 | US 5265346<br>A | 19931130 | Drying carrier adapted for carrying honeycomb structure  | 34/250     | 34/105;<br>34/68  | Jikumaru;<br>Sueharu et<br>al.   |

| 1 | US 5262102<br>A | 19931116 | Process for firing ceramic honeycomb structural bodies                                   | 264/631   |   | Wada;<br>Yukihisa               |
|---|-----------------|----------|--|-----------|---|---------------------------------|
| 1 | US 5235313<br>A | 19930810 | Thin film resistor and wiring board using the same                                       | 338/308   | 204/192.1;<br>338/309;<br>427/101;<br>438/384   | Narizuka;<br>Yasunori et<br>al. |
| 1 | US 5218335<br>A | 19930608 | Electronic circuit device having thin film resistor and method for producing the same    | 338/308   | 204/192.21;<br>338/223;<br>338/225  | Nakano;<br>Asao et al.          |
| 1 | US 5191708<br>A | 19930309 | Manufacturing method of<br>a probe head for<br>semiconductor LSI<br>inspection apparatus | 29/846    | 216/11;<br>216/41;<br>29/825  | Kasukabe;<br>Susumu et<br>al.   |
| 1 | US 5183652<br>A | 19930202 | Radioactive catalyst and oxidation-reduction method and apparatus using same             | 423/579   | 422/159;<br>422/211;<br>423/658.2;<br>423/659   | Sasao;<br>Nobuyuki et<br>al.    |
| 1 | US 5160724<br>A | 19921103 | Barium sulfate contrast medium for X-ray examination of the large intestine              | 424/9.411 | 424/677;<br>514/966;<br>514/975   | Tonariya;<br>Yoshito et<br>al.  |
| 1 | US 5149264<br>A | 19920922 | Method of producing ceramic products   | 432/2     | 432/258;<br>432/259;<br>432/5   | Horikawa;<br>Osamu et al.       |
| 1 | US 5110515<br>A | 19920505 | Method of encapsulating semiconductor chips  | 264/493   | 257/E21.504;<br>264/236;<br>264/272.13;<br>264/272.17   | Nakamura;<br>Shozo et al.       |
| 1 | US 5093302<br>A | 19920303 | Radioactive catalyst and oxidation-reduction method and apparatus using same             | 502/325   | 252/625;<br>502/339;<br>502/350;<br>502/5   | Sasao;<br>Nobuyuki et<br>al.    |
| 1 | US 5068712<br>A | 19911126 | Semiconductor device   | 257/689   | 257/676;<br>257/686;<br>257/687;<br>257/786;<br>257/E23.039;<br>257/E23.048;<br>257/E23.051;<br>257/E23.056;<br>257/E23.124;<br>257/E25.023;<br>257/E29.022 | Murakami;<br>Gen et al.         |

|               | 110 5050060 | 10011015   | NY 1 /1                   | 265/105 10 | 265/105.06   | 337 1           |
|---------------|-------------|------------|---------------------------|------------|--------------|-----------------|
|               | US 5058063  | 19911015   | Nonvolatile               | 365/185.18 | 365/185.06;  | Wada;           |
| 1 1           | A           |            | semiconductor memory      |            | 365/185.28;  | Yukio et al.    |
|               |             |            | device incorporating      |            | 365/185.29;  |                 |
|               |             | :          | level shifting circuits   |            | 365/189.11;  |                 |
|               |             |            |                           |            | 365/226      |                 |
| 1             | US 5058062  | 19911015   | Nonvolatile               | 365/185.21 | 365/185.06;  | Wada;           |
|               | A           |            | semiconductor memory      |            | 365/185.32;  | Yukio et al.    |
|               |             |            | circuit including a       |            | 365/189.05   | 1               |
|               |             |            | reliable sense amplifier  |            |              |                 |
| 1             | US D316481  | 19910430   | Case                      | D6/631     |              | Kunimune;       |
| ^             | S           | 1,5,10,150 | 0450                      | 20.031     |              | Noriaki et al.  |
| 1             | US D315982  | 19910409   | Case                      | D6/631     |              | Kunimune;       |
| *             | S           | 17710407   | Cusc                      | 50,031     |              | Noriaki et al.  |
| 1             | US 4988529  | 19910129   | Milk shake and            | 426/569    | 426/565;     | Nakaya;         |
|               |             | 19910149   |                           | 720/303    | 426/590;     | Tsunemoto       |
|               | A           |            | manufacturing method      |            | · ·          |                 |
| -             | 110 4070400 | 10001112   | thereof                   | 227/5/41   | 426/592      | et al.          |
| 1             | US 4970409  | 19901113   | Voltage multiplier for    | 327/541    | 307/110;     | Wada;           |
|               | A           |            | nonvolatile               |            | 327/315;     | Yukio et al.    |
|               |             |            | semiconductor memory      |            | 363/60;      |                 |
|               |             |            |                           |            | 365/189.11;  |                 |
|               |             |            |                           |            | 365/226      |                 |
| 1             | US 4952272  | 19900828   | Method of manufacturing   | 216/11     | 205/666;     | Okino;          |
|               | A           |            | probing head for testing  |            | 205/683;     | Hironobu et     |
|               |             |            | equipment of semi-        |            | 216/20;      | al.             |
| 1             |             |            | conductor large scale     |            | 216/57       |                 |
|               |             |            | integrated circuits       |            |              |                 |
| 1             | US 4931726  | 19900605   | Apparatus for testing     | 324/754    | 439/482      | Kasukabe;       |
|               | A           |            | semiconductor device      |            |              | Susumu et       |
| İ             |             |            |                           |            |              | al.             |
| 1             | US 4912749  | 19900327   | Nonvolatile               | 365/185.18 | 257/321;     | Maruyama;       |
|               | A           | :          | semiconductor memory      |            | 365/185.02;  | Tadashi et      |
|               |             |            |                           |            | 365/185.06;  | al.             |
|               |             |            |                           |            | 365/185.21;  |                 |
|               |             |            |                           |            | 365/185.25;  |                 |
|               |             |            |                           |            | 365/185.29   |                 |
| $\frac{1}{1}$ | US 4892189  | 19900109   | Case for multiple         | 206/232    | 206/308.1;   | Kunimune;       |
|               |             | 19900109   | compact disks             | 2001232    | 206/308.1,   | Noriaki et al.  |
|               | Α           |            | Compact disks             |            | 220/847;     | 14011aki Ct al. |
|               |             |            |                           |            |              |                 |
| <u> </u>      | TIO 4070615 | 1000000    | Non-aladia Gardia a       | 265/195.06 | D6/626       | Momiliana       |
| 1             | US 4870615  | 19890926   | Nonvolatile floating gate | 365/185.06 | 257/321;     | Maruyama;       |
|               | Α           |            | semiconductor memory      |            | 257/E27.103; | Tadashi et      |
|               |             |            | device                    |            | 365/185.14;  | al.             |
|               |             |            |                           |            | 365/185.2;   |                 |
|               |             |            |                           |            | 365/185.25   |                 |
| 1             | US 4806725  | 19890221   | Circuit substrate and     | 347/203    | 338/307;     | Narizuka;       |
|               | A           |            | thermal printing head     | <u></u>    | 347/208;     | Yasunori et     |

|     |            |          | using the same            |          | 420/457      | al.            |
|-----|------------|----------|---------------------------|----------|--------------|----------------|
| 1   | US 4681645 | 19870721 | Method and apparatus for  | 156/73.1 | 156/304.5;   | Fukushima;     |
|     | A          |          | fusing together the       |          | 156/535;     | Shoji et al.   |
|     |            |          | bottom of tubular         |          | 156/580.2;   | -J             |
|     |            |          | container formed of       |          | 264/296;     |                |
|     |            |          | synthetic resin           |          | 264/320;     |                |
|     |            |          | 3,                        |          | 53/479;      |                |
|     |            |          |                           |          | 53/484       |                |
| 1   | US 4430808 | 19840214 | Hair dryer                | 34/97    | 132/116;     | Toyomi;        |
|     | A          | 190.0211 | 11411 419 41              | .,,,,    | 34/101;      | Yuritsugu et   |
|     |            |          |                           |          | 392/473      | al.            |
| 1   | US 4423856 | 19840103 | Controlled cooling        | 266/106  | 266/111;     | Takahashi;     |
| •   | A          | 15010105 | apparatus for hot rolled  | 200/100  | 72/201       | Eiji et al.    |
|     | **         |          | wire rods                 |          | 12,201       | E.j. ce a      |
| 1   | US 4370544 | 19830125 | Hair dryer                | 392/379  | 200/50.28;   | Fujishima;     |
| •   | A          | 15050125 |                           |          | 34/96;       | Nobuiti et al. |
|     |            |          |                           |          | 392/385;     |                |
|     |            |          |                           |          | D28/13       |                |
| 1   | US 4343986 | 19820810 | Thermal printhead         | 347/204  | 219/543;     | Mitani;        |
| 1   | A          | 19020010 | 7                         |          | 257/E49.004; | Masao et al.   |
|     |            |          |                           |          | 338/309      | 1711000 01 011 |
| 1   | US 4268614 | 19810519 | Method of making          | 430/315  | 430/319;     | Ueyama;        |
| -   | A          | 15010515 | printed circuit board     | 150/515  | 430/327      | Tamotsu et     |
|     | •          |          | printed en east sould     |          | 130,32.      | al.            |
| 1   | US 4246398 | 19810120 | Method for recovering     | 528/496  | 528/495;     | Sugio;         |
|     | A          |          | polyphenylene oxides      |          | 528/499      | Akitoshi et    |
|     |            |          | 1 31                      |          |              | al.            |
| 1   | US 4040696 | 19770809 | Electric device having    | 439/23   | 219/225;     | Wada;          |
|     | A          |          | rotary current collecting |          | 219/533;     | Yukio et al.   |
|     |            |          | means                     |          | D28/35       |                |
| 1   | US 4023392 | 19770517 | Method and apparatus for  | 72/201   | 140/2;       | Fujita; Tatsu  |
|     | A          |          | cooling hot rolled rod    |          | 266/106      | et al.         |
| 1   | US 3889693 | 19750617 | Electric hair dryer with  | 132/272  | D28/13       | Tanaka;        |
|     | A          |          | spray                     |          |              | Hisayuki et    |
|     |            |          |                           |          |              | al.            |
| 1   | US 3858591 | 19750107 | HAIR-PIECE FOR A          | 132/53   |              | Wada;          |
|     | A          |          | HAIR WIG HAVING           |          |              | Yukio          |
|     |            |          | AN ALL                    |          |              |                |
|     |            |          | DIRECTIONAL               |          |              |                |
|     |            |          | CONTRACTILITY             |          |              | 1              |
|     |            |          | AND ITS PROCESSING        |          |              |                |
|     |            |          | METHOD FOR THE            |          |              |                |
|     |            |          | SAME                      |          |              |                |
| 1   | US 3846047 | 19741105 | FOLDABLE HAIR             | 417/234  | 34/201;      | Wada;          |
|     | Α          | ĺ        | DRYER                     |          | 34/97;       | Yukio et al.   |
| 1 1 |            |          |                           |          | 392/380;     |                |

|  | 392/385; |
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|  | 415/126; |
|  | D28/16   |